

# DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

## NAVIGATION APPARATUS WITH ENHANCED POSITIONAL DISPLAY FUNCTION

which application is:

☐ the attached application  
(for original application)

☒ application Serial No. 08/016,292  
filed February 11, 1993, and amended on \_\_\_\_\_

(for declaration not accompanying application)

that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware and which is material to the examination of this application under 37 C.F.R. 1.56(a); and that I hereby claim foreign priority benefits under Title 35, United States Code §119, §172 or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

| Application Number | Country | Filing Date       | Priority Claimed (yes or no) |
|--------------------|---------|-------------------|------------------------------|
| P4-74032           | Japan   | March 30, 1992    | yes                          |
| P4-74033           | Japan   | March 30, 1992    | yes                          |
| P4-31046           | Japan   | February 18, 1992 | yes                          |

I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any material information under 37 C.F.R. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| Application Serial No. | Filing Date | Status<br>(patented, pending, abandoned) |
|------------------------|-------------|--|
|------------------------|-------------|--|

I hereby appoint John H. Mion, Reg. No. 18,879; Donald E. Zinn, Reg. No. 19,046; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Robert G. McMorrow, Reg. No. 19,093; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; and Mark Boland, Reg. No. 32,197, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|  |  |
|--|--|
| Date <u>March 5, 1993</u>                              | First Inventor <u>Takeharu</u> <u>ARAKAWA</u>  |
|  | First Name Middle Initial Last Name  |
| Residence <u>Kawagoe-shi,</u><br><u>Saitama, Japan</u> | Signature <u>Takeharu</u> <u>Arakawa</u>   |
|  | Post Office Address <u>No. 25-1, Aza Nishi-machi, Ohaza Yamada,</u><br><u>Kawagoe-shi, Saitama, Japan, c/o Pioneer Electronics Corporation Kawagoe Works</u> |
| Citizenship <u>Japanese</u>                            |  |

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| Date <u>March 5, 1993</u>                              | Second Inventor <u>Morio</u> <u>ARAKI</u>  |
|  | First Name Middle Initial Last Name  |
| Residence <u>Kawagoe-shi,</u><br><u>Saitama, Japan</u> | Signature <u>Morio</u> <u>Araki</u>  |
|  | Post Office Address <u>No. 25-1, Aza Nishi-machi, Ohaza Yamada,</u><br><u>Kawagoe-shi, Saitama, Japan, c/o Pioneer Electronics Corporation Kawagoe Works</u> |
| Citizenship <u>Japanese</u>                            |  |

Date March 5, 1993

Third Inventor Kenichi

NOBE

Residence Kawagoe-shi,  
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Signature Kenichi NOBE  
First Name Last Name

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Fourth Inventor Kiyoshi YAMANAKA

Residence Kawagoe-shi,  
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Signature Kiyoshi Yamanaka  
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Electronic Corporation Kawagoe Works

Date \_\_\_\_\_

Fifth Inventor \_\_\_\_\_  
First Name Last Name

Residence \_\_\_\_\_

Signature \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Date \_\_\_\_\_

Sixth Inventor \_\_\_\_\_  
First Name Last Name

Residence \_\_\_\_\_

Signature \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Date \_\_\_\_\_

Seventh Inventor \_\_\_\_\_  
First Name Last Name

Residence \_\_\_\_\_

Signature \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Date \_\_\_\_\_

Eighth Inventor \_\_\_\_\_  
First Name Last Name

Residence \_\_\_\_\_

Signature \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Date \_\_\_\_\_

Ninth Inventor \_\_\_\_\_  
First Name Last Name

Residence \_\_\_\_\_

Signature \_\_\_\_\_

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| Residence <u>Kawagoe-shi,</u><br><u>Saitama, Japan</u> | Signature <u>Morio</u> <u>Araki</u>  |
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Date March 5, 1993

Third Inventor Kenichi

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Signature Kenichi NOBE

Citizenship Japanese

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Fifth Inventor \_\_\_\_\_

First Name

Last Name

Residence \_\_\_\_\_

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Sixth Inventor \_\_\_\_\_

First Name

Last Name

Residence \_\_\_\_\_

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Citizenship \_\_\_\_\_

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Seventh Inventor \_\_\_\_\_

First Name

Last Name

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Signature \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

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Eighth Inventor \_\_\_\_\_

First Name

Last Name

Residence \_\_\_\_\_

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